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Narutoshi Fukuzawa

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EXAMINER

SHEN, KEZHEN

ART UNIT

PAPER NUMBER

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/808,963	<b>Applicant(s)</b> FUKUZAWA ET AL.	
	<b>Examiner</b> Kezhen Shen	<b>Art Unit</b> 2627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 14 April 2008.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

**DETAILED ACTION**

***Response to Arguments***

**DETAILED ACTION**

***Response to Arguments***

Applicant's arguments filed 4/14/2008 have been fully considered but they are not persuasive.

Applicant argues the hardness of the light transmission film having a Vickers hardness of  $30 \text{ mgf}/\mu\text{m}^2$  to  $50 \text{ mgf}/\mu\text{m}^2$  with respect to a load of 200 mgf is novel and is not disclosed through Examiner's prior art. Examiner disagrees. Applicant acknowledges the Vickers testing is used to provide a unit of measurement for hardness and the feature is a structural limitation of the hardness of the light transmission film. Since the intended use of the hardness is only a structural limitation of the optical recording medium, then the process of measuring hardness is not critical in the claim.

Applicant also argues that Uchiyama does not teach the hardness of  $30 \text{ mgf}/\mu\text{m}^2$  to  $50 \text{ mgf}/\mu\text{m}^2$ . However, Uchiyama does disclose this at paragraph [0124]. It is clear Uchiyama does not only limit the hardness between  $18 \text{ mgf}/\mu\text{m}^2$  to  $20 \text{ mgf}/\mu\text{m}^2$ . By suggesting  $20 \text{ mgf}/\mu\text{m}^2$  or greater is giving the light transmission film excellent mar-proof properties as the hardness of the optical film increases.

The previous rejection is recited below for the applicant's convenience.

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Uchiyama et al. US-2003/0043730 A1 in view of Kubota et al. 5,698,284.

Regarding claim 1, Uchiyama et al. teaches an optical recording medium comprising a support substrate (16 of Fig. 1 [0004]), a light transmission layer (11 of Fig. 1 [0004]) formed on a side of a light incidence plane through which a laser beam is projected (Fig. 1 the light waves 18 hit the light transmission layer first) and which comprises at least one light transmission film and a recording layer (15 of Fig.1 [0004]) located between the support substrate and the light transmission layer, the at least one light transmission film having Vickers hardness of 30 mgf/.mu.m.sup.2 to 50 mgf/.mu.m.sup.2 with respect to a load of 200 mgf (Uchiyama et al. [0124] a range of 20 kg/mm<sup>2</sup> or greater is disclosed the notation used in Uchiyama et al is kg/mm<sup>2</sup> whereas the present application uses mgf/μm<sup>2</sup>. However, the conversion of 20 kg/mm<sup>2</sup> is equal to 20 mgf/μm<sup>2</sup>. Thus, in Uchiyama et al., the range of 20 kg/mm<sup>2</sup> or greater would have encompassed the recited range of 30 mgf/μm<sup>2</sup> to 50 mgf/μm<sup>2</sup> as claimed).

Uchiyama et al. fail to teach the recording layer containing an organic dye as a primary component. However, Kubota et al. make obvious of such component (Kubota

et al. Col 1 Lines 37-45). Therefore, taking the teaching of Kubota et al. and Uchiyama et al. as a whole, it would have been obvious to use an organic dye as a primary component for the recording layer as taught in Kubota et al. for the benefits of writing data to the disc (Kubota et al Col 1 Lines 36-38 DRAW type recording system is a write once read many system).

3. Claims 4-5, 8-10 and 12-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Uchiyama et al in view of Kubota et al. as applied to claims 1 above respectively and further in view of Aratani et al. 6,063,468.

Regarding claim 4, the combination of Uchiyama et al. and Kubota et al. fail to teach an optical recording medium in accordance with claim 1, wherein the at least one light transmission film is formed so as to have a thickness of 0.5  $\mu\text{m}$  to 100  $\mu\text{m}$ . However, Aratani et al does (Aratani et al. Col 12 Line 3-4 first layer having a thickness from 0.1 to 10  $\mu\text{m}$ ). Therefore, one of ordinary skill in the art is motivated to combine the teachings of Uchiyama et al. and Kubota et al. with Aratani et al. to form the light transmission thickness to be of 0.5  $\mu\text{m}$  to 100  $\mu\text{m}$  for the benefit of even thickness of the resin (Aratani et al. Col 12 Lines 4-5).

Regarding claim 5, the combination of Uchiyama et al. and Kubota et al. fail to further teach an optical recording medium in accordance with claim 1, wherein the second light transmission film located on the side of the light incidence plane through which a laser beam enters. However, Aratani et al does (Aratani et al. 414 of Fig. 4). Therefore, one of ordinary in the art is motivated to combine the teachings of Uchiyama et al. and Kubota et al. with Aratani et al. for form a second light transmission film

located on the side of the light incidence plane through which the laser beam enters for the benefit of use of a harder material for the surface layer while a softer material, which may have more beneficial optical qualities for the second layer (Aratani et al. Col 6 Lines 50-55). For the rest of the claim, see the rejection as stated in claim 1.

Regarding claim 8, the combination of Uchiyama et al. and Kubota et al. fail to teach an optical recording medium in accordance with claim 5, wherein the first light transmission film so as to have a thickness of 0.5  $\mu\text{m}$  to 100  $\mu\text{m}$ . However, Aratani et al. does (Aratani et al. Col 12 Line 3-4 thickness from 0.1 to 10  $\mu\text{m}$ ). Therefore, one of ordinary skill in the art is motivated to combine the teachings Uchiyama et al. and Kubota et al. with Aratani et al. to form the light transmission thickness to be of 0.1  $\mu\text{m}$  to 10  $\mu\text{m}$  for the benefit of even thickness of the resin.

Regarding claim 9, the combination of Uchiyama et al. and Kubota et al. teaches an optical recording medium in accordance with claim 5, but fails to teach wherein the second light transmission film has hardness lower than that of the first light transmission film. However Aratani et al. does (Aratani et al. Col 6 Line 48-57 the provision of light transmissive layer formed of two layers of different materials allows for the use of a harder material for surface layer while a softer material, may be used to form the second or internal layer). Therefore, one of ordinary skill in the art is motivated to combine the teachings of Uchiyama et al. and Kubota et al. with Aratani et al. for a first and second light transmission film with different hardness for the benefit of use of a harder material for the surface layer while a softer material, which may have more beneficial optical qualities for the second layer (Aratani et al. Col 6 Lines 50-55). Also

while the different hardness is not explicitly stated, Official Notice is taken that it is a basic scientific principle to have one light transmission film harder than the other for structural strength and one light transmission film for better optical qualities to combine without a specific benefit for the specific hardness for each of the light transmission film.

Regarding claim 10, the combination of Uchiyama et al. and Kubota et al. fail to teach an optical recording medium in accordance with claim 5, wherein each of the first light transmission film and the second light transmission film is formed by applying a resin solution using a spin coating process. However, Aratani et al. does (Aratani et al. Col 12 Line 41-45 light transmissive layer may be applied by spin coat). Therefore, one of ordinary skill in the art is motivated to combine the teachings of Uchiyama et al. and Kubota et al. with Aratani et al. for the use of a spin coat process to apply a resin solution for the benefit of creating layers of thin resin.

Regarding claim 12, the combination of Uchiyama et al. and Kubota et al. fail to teach an optical recording medium in accordance with claim 1, wherein the thickness of the light transmission layer is equal to or thicker than 10  $\mu\text{m}$  and equal to or thinner than 300  $\mu\text{m}$ . However, Aratani et al. does (Aratani et al. Col 6 Line 15-19 light transmissive layer should be provided with a thickness of approximately 150  $\mu\text{m}$  or less). Therefore, one of ordinary skill in the art is motivated to combine the teachings of Uchiyama et al. and Kubota et al. with Aratani et al. for the purpose of having a thickness of the light transmission layer is equal to or thicker than 10  $\mu\text{m}$  and equal to or thinner than 300  $\mu\text{m}$  for the benefit of increase in the numerical aperture of the objective lens of the optical pickup.

Regarding claim 13, the combination of Uchiyama et al. and Kubota et al. fail to teach an optical recording medium in accordance with claim 5, wherein the thickness of the light transmission layer is equal to or thicker than 10  $\mu\text{m}$  and equal to or thinner than 300  $\mu\text{m}$ . However, Aratani et al. does (Aratani et al. Col 6 Line 15-19 light transmissive layer should be provided with a thickness of approximately 150  $\mu\text{m}$  or less). Therefore, one of ordinary skill in the art is motivated to combine the teachings of Uchiyama et al. and Kubota et al. with Aratani et al. for the purpose of having a thickness of the light transmission layer is equal to or thicker than 10  $\mu\text{m}$  and equal to or thinner than 300  $\mu\text{m}$  for the benefit of increase in the numerical aperture of the objective lens of the optical pickup.

4. Claims 11 and 14-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Uchiyama et al in view of Kubota et al. and further in view of Aratani et al as applied to claim 5 above respectively and further in view of Zhou et al. US 2004/0157159 A1.

Regarding claim 11, the combination of Aratani et al., Kubota et al. and Uchiyama teaches an optical recording medium in accordance with claim 5, but fails to teach wherein the first light transmission film is constituted as an adhesive layer formed of a light transmittable adhesive agent layer and the second light transmission film is formed by adhering a light transmittable sheet onto the adhesive layer. However, Zhou et al. does. Zhou et al. disclose applying the light transmission layer (Zhou et al. 9 of Fig. 1, [0048] protective layer) to another layer (Zhou et al. 8 of Fig. 1, [0048] ITO layer) by means of an adhesive layer (Zhou et al. 9 and 8 Fig. 1 [0048] the protective layer



may also be provided by applying a sheet of polycarbonate by means of a Pressure Sensitive Adhesive layer to the ITO layer).

Taking the combined teaching of Kubota et al., Uchiyama and Zhou et al as a whole, one skilled in the art would have been motivated to use the application of the Pressure Sensitive Adhesive layer on both the protective layer and the ITO layer and apply to the same principle to the two light transmission film for the benefit of a compound of keeping the two film firmly together.

Regarding claim 14 the combination of Uchiyama et al., Kubota et al. and Aratani et al. teaches an optical recording medium in accordance with claim 1, but fails to further teach a reflective layer between the support substrate and the recording layer. However, Zhou et al. does. Zhou et al. teach an optical recording medium which further comprises a reflective layer between the support substrate and the recording layer (Zhou et al. 3 and 6 of Fig. 1, [0046] recording layer and the metal reflective layer).

Therefore, taking the combined teaching of Kubota et al., Uchiyama and Zhou as a whole, one of ordinary skill in the art would have been motivated to place the reflective layer between the support substrate and the recording layer for the benefit of reflecting the light beam and also to radiate the heat generated by the beam.

Regarding claim 15, the combination of Uchiyama et al., Kubota et al. and Aratani et al. teaches an optical recording medium in accordance with claim 5, but fails to further teach a reflective layer between the support substrate and the recording layer. However, Zhou et al. does. Zhou et al. teach an optical recording medium which further

comprises a reflective layer between the support substrate and the recording layer (Zhou et al. 3 and 6 of Fig. 1, [0046] recording layer and the metal reflective layer).

Therefore, taking the combined teaching of Kubota et al., Uchiyama and Zhou as a whole, one of ordinary skill in the art would have been motivated to place the reflective layer between the support substrate and the recording layer for the benefit of reflecting the light beam and also to radiate the heat generated by the beam.

Regarding claim 16, the combination of Uchiyama et al. and Kubota et al. teaches an optical recording medium in accordance with claim 1, but fails to further teach a cap layer between the light transmission layer and the recording layer. However, Zhou et al. does. Zhou et al. discloses a dielectric layer between the light transmission layer and the recording layer (Zhou et al. 7 of Fig. 2, [0049] dielectric layer is present in the recording stack in contact with the recording layer).

Therefore, taking the combined teaching of Kubota et al, Uchiyama and Zhou as a whole, one of ordinary skill in the art would have been motivated to place a cap layer between the light transmission layer and the recording layer for the benefit of separating the two layers from interfering from one another.

Regarding claim 17, the combination of Uchiyama et al., Kubota et al. and Aratani et al. teaches an optical recording medium in accordance with claim 5, but fails to further teach a cap layer between the light transmission layer and the recording layer. However, Zhou et al. does. Zhou et al. discloses a dielectric layer between the light transmission layer and the recording layer (Zhou et al. 7 of Fig. 2, [0049] dielectric layer is present in the recording stack in contact with the recording layer).

Therefore, taking the combined teaching of Aratani, Uchiyama, Kubota and Zhou as a whole, one of ordinary skill in the art would have been motivated to place a cap layer between the light transmission layer and the recording layer for the benefit of separating the two layers from interfering from one another.

Regarding claim 18, the combination of Uchiyama et al., Kubota et al. and Aratani et al. teaches an optical recording medium in accordance with claim 1, but fails to teach the cap layer is formed of a dielectric material so as to have thickness of 10 nm to 150 nm. However, Zhou et al. does. Zhou et al. discloses an optical recording medium wherein the cap layer is formed of a dielectric material (Zhou et al. 5 and 7 of Fig. 6, [0053] dielectric layers comprise  $(\text{ZnS})_{80}(\text{SiO}_2)_{20}$  so as to have thickness of 10 nm to 150 nm (Zhou et al. 7 of Fig. 6 [0053] dielectric layer has a thickness of 130 nm).

Therefore, taking the combined teaching of Aratani, Uchiyama, Kubota and Zhou as a whole, one of ordinary skill in the art would have been motivated to create a dielectric layer with a thickness of 130 nm for the benefit of preventing thermal damage to the recording layer.

Regarding claim 19, the combination of Uchiyama et al., Kubota et al. and Aratani et al. teaches an optical recording medium in accordance with claim 5, but fails to further teach the cap layer is formed of a dielectric material so as to have thickness of 10 nm to 150 nm. However, Zhou et al. does. Zhou et al. discloses an optical recording medium wherein the cap layer is formed of a dielectric material (Zhou et al. 5 and 7 of Fig. 6, [0053] dielectric layers comprise  $(\text{ZnS})_{80}(\text{SiO}_2)_{20}$  so as to have thickness of 10 nm to 150 nm (Zhou et al. 7 of Fig. 6 [0053] dielectric layer has a thickness of 130 nm).

Therefore, taking the combined teaching of Aratani, Kubota, Uchiyama and Zhou as a whole, one of ordinary skill in the art would have been motivated to create a dielectric layer with a thickness of 130 nm for the benefit of preventing thermal damage to the recording layer.

5. Claims 20-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Uchiyama et al in view of Kubota et al. and further in view of Aratani et al as applied to claim 5 above respectively, and further in view of Saito US 2003/0138728 A1.

Regarding claim 20, the combination of Uchiyama et al., Kubota et al. teaches an optical recording medium in accordance with claim 1, but fails to further teach the cap layer is formed of metal so as to have thickness of 10 nm to 20 nm. However, Saito does. Saito discloses an optical recording wherein the cap layer is formed of metal (Saito [0067] the substance of the reflective layer is made of metals such as Ag, Au, In, Si, Ge, Te, Pb, Sn, metalloids and stainless steel) so as to have thickness of 10 nm to 20 nm (Saito [0067] the thickness of the reflective layer is generally 10 to 300 nm). While the applicant does not treat the cap layer as a reflective layer, the purpose of the layer is similar in principle. A small thin metal layer used to separate the light transmission layer (Saito [0068] protective layer) and the recording layer (Saito [0068] recording layer).

Therefore, taking the combined teaching of Kubota, Uchiyama and Saito as a whole, one of ordinary skill in the art would have been motivated to combine the optical medium from the combined teaching of Kubota and Uchiyama and the cap layer from

the teachings of Satio for the benefit of separating the two layers from mixing or interfering with one another.

Regarding claim 21, the combination of Uchiyama et al., Kubota et al. and Aratani et al. teaches an optical recording medium in accordance with claim 5, but fails to teach wherein the cap layer is formed of metal so as to have thickness of 10 nm to 20 nm. However, Saito does. Satio discloses an optical recording wherein the cap layer is formed of metal (Satio [0067] the substance of the reflective layer is made of metals such as Ag, Au, In, Si, Ge, Te, Pb, Sn, metalloids and stainless steel) so as to have thickness of 10 nm to 20 nm (Satio [0067] the thickness of the reflective layer is generally 10 to 300 nm).

While the applicant does not treat the cap layer as a reflective layer, the purpose of the layer is similar in principle. A small thin metal layer used to separate the light transmission layer (Satio [0068] protective layer) and the recording layer (Satio [0068] recording layer).

Therefore, taking the combined teaching of Kubota, Aratani, Uchiyama and Saito as a whole, one of ordinary skill in the art would have been motivated to combine the optical medium from the combined teaching of Kubota et al and Uchiyama and the cap layer from the teachings of Satio for the benefit of separating the two layers from mixing or interfering with one another.

Regarding claim 22, the combination of Uchiyama et al., Kubota et al. teaches an optical recording medium in accordance with claim 1, but fails to teach wherein an organic dye contained in the recording layer as a primary component has a refractive

index lower than 1.2 or higher than 1.9 with respect to a laser beam having a wavelength of 370 nm to 425 nm and an extinction coefficient equal to or higher than 0.1 and equal to or lower than 1.0 with respect to a laser beam having a wavelength of 370 nm to 425 nm. However, Saito does. Saito teaches an optical recording medium wherein an organic dye contained in the recording layer ([0006] a recording layer comprising a dye) as a primary component has a refractive index lower than 1.2 or higher than 1.9 ([0042] the refractive index (n) respectively in a range of  $1.0 < n < 1.9$ ) with respect to a laser beam having a wavelength of 370 nm to 425 nm ([0015] a laser having a wavelength no greater than 450 nm) and an extinction coefficient equal to or higher than 0.1 and equal to or lower than 1.0 ([0042] the extinction coefficient (k) respectively in a range of  $0.03 < k < 0.3$ ) with respect to a laser beam having a wavelength of 370 nm to 425 nm ([0015] a laser having a wavelength no greater than 450 nm). Therefore, taking the combined teaching of Kubota, Uchiyama and Saito as a whole, one of ordinary skill in the art would have been motivated to use an organic dye in accordance to the specifications as claimed because organic dye optical medium is notoriously well known in the art for the benefit of writing data once to the recording medium and reading it multiple times. Some examples of such organic dye recording media are CD-R and DVD-R. Official Notice is taken.

Regarding claim 23, the limitations as claimed have been analyzed and rejected with respect to claim 22 above.

Regarding claim 24, the combination of Uchiyama et al., Kubota et al. teaches an optical recording medium in accordance with claim 1, but fails to teach wherein the

recording layer contains a porphyrin system dye, a mono-methine cyanine system dye or a tri-methine cyanine system dye as a primary component. However Saito does. Saito teaches an optical recording medium wherein the recording layer contains a porphyrin system dye or a tri-methine cyanine system dye as a primary component ([0006] recording layer comprising a dye such as a porphyrin compound, a trimethyne cyanine dye).

Therefore, taking the combined teaching of Kubota, Uchiyama and Saito as a whole, one of ordinary skill in the art would have been motivated to utilize the specific types of dye as a primary component in the optical medium as claimed for the benefit of writing data once to the recording medium and reading it multiple times. Some examples include CD-R and DVD-R.

Regarding claim 25, the limitations as claimed have been analyzed and rejected with respect to claim 24 above.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kezhen Shen whose telephone number is (571)270-1815. The examiner can normally be reached on Monday-Friday 9am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Korzuch can be reached on (571)272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kezhen Shen/  
Examiner, Art Unit 2627

/TAN Xuan DINH/  
Primary Examiner, Art Unit 2627  
July 18, 2008